

PATENT ABSTRACTS OF JAPAN

(11)Publication number : **08-196269**

(43)Date of publication of
application : **06.08.1996**

(51)Int.Cl.

C12N 5/04
// A01H 4/00
C12P 19/44
(C12P 19/44
C12R 1:91)

(21)Application
number : **07-046089**

(71)
Applicant : **ASAHI HIRYO KK**

(22)Date of filing : **27.01.1995**

(72)Inventor : **SONODA HIROTSUGU**
SAITO SHIGENORI
KIMURA KAZUYO

(54) METHOD FOR CULTURING MEDICINAL GINSENG CALLUS

(57)Abstract:

PURPOSE: To provide a method for culturing a callus of a medicinal ginseng by which saponin can simply and effectively be produced.

CONSTITUTION: This method for culturing a callus of a medicinal ginseng is to subculture the callus derived from the medicinal ginseng as an originating plant. A primary culture medium suitable for proliferation of the callus and a secondary culture medium capable of promoting the production of saponin are used as the culture medium. A mode of total three passages may be used by subculturing the callus for one more passage. The primary culture medium is a culture medium prepared by adding naphthaleneacetic acid as a plant growth regulator to a basal culture medium and the secondary culture medium is a culture medium obtained by adding gibberellin as a plant growth regulator to the basal culture medium. Thereby, the production amount of the saponin can be increased without complicating the composition of the culture medium.